

PART NUMBER

**SSR-121-40/47/54**



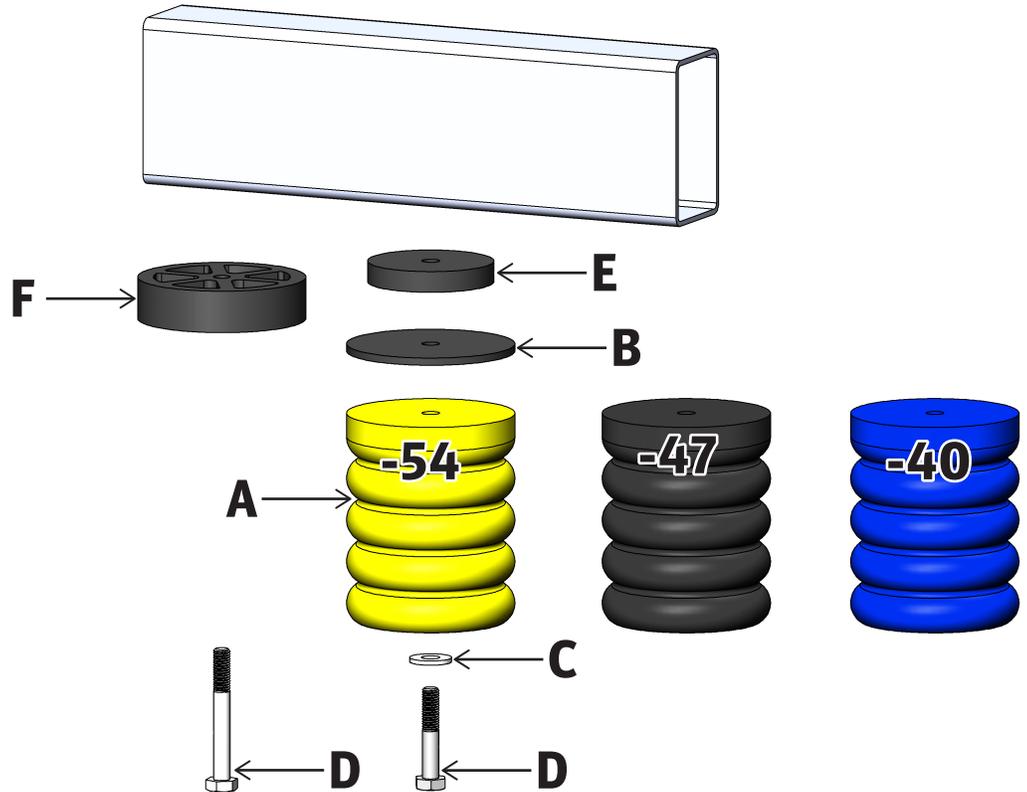
SCAN HERE: To watch a video of this installation



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

- > Ford Transit-150 4 X 2 (2015 - present)
- > Ford Transit-250 4 X 2 (2015 - present)
- > Ford Transit-350 4 X 2 (2015 - present)
- > Ford Transit-350 HD 4 X 2 (2015 - present)
- > Ford Transit-150 4 X 4 (2020 - present)
- > Ford Transit-250 4 X 4 (2020 - present)
- > Ford Transit-350 4 X 4 (2020 - present)
- > Ford Transit-350 HD 4 X 4 (2020 - present)



**PARTS LIST**

Item	Part #	Description	QTY
A	511456	SumoSprings Blue -40	2
	511457	SumoSprings Black -47	
	511458	SumoSprings Yellow -54	
B	512313	4" SumoSpring Plate	2
C	512227	3/8 Flat Washer	2
D	512328	M10-1.5 x 55mm Hex Bolt	2
	512319	M10-1.5 x 80mm Hex Bolt	2
E	512116	1/2" Spacer	2
F	512117	1" Spacer	2

**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Socket Set

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**Product Line: SUMOSPRINGS REAR**

**Page 1**

**SuperSprings International, Inc.**  
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Carpenteria, CA 93013

**Installation Support**  
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support@supersprings.com

superspringsint.com

**SAFETY NOTICE:** We recommend installation be done by a professional or persons with sound mechanical knowledge.

**WARNING:** These instructions are a general guide for installation. SuperSprings International, Inc. assumes no liability for the actual installation process. Consumers and installers should apply common automotive safety practices when raising and working on any vehicle. **Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured.** SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.

Never exceed the manufacturer's Gross Vehicle Rating (GVWR) located on your vehicles identification tag.

**BEFORE INSTALLATION:** Ensure the vehicle is on a level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SuperSprings. Secure any cables out of the way with zip ties or by re-routing. Ensure all A/C lines, brake cables, and frame are clear of contact or interference.

REV. 2.01 | APR 2022

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**IMPORTANT NOTICE:** Your part may have been loosely preassembled to show the final product as it will be once installed on your vehicle. Please disassemble the product before proceeding to the installation.

**INSTALLATION**

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. With the vehicle on the ground, measure the distance from the bottom of the frame to the contact pad on the axle.
3. The SSR-121-40/47/54 kits come with several spacers and different length bolts to fit a variety of vehicle configurations. After taking the measurement, determine which combination of spacers will combine for a total height that is ½" to 1" less than the measurement between the frame and axle. (The 4" SumoSpring Plate [ITEM B] must always be used directly on top of the Sumospring [ITEM A])
4. Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
5. Starting on the driver side, remove the existing factory bump stop by gripping firmly and twisting.
6. Remove the bump stop cup.
7. Insert appropriate length Hex Bolt [ITEM D] through the Flat Washer [ITEM C], the center of the Sumospring [ITEM A], 4" SumoSpring Plate [ITEM B], and ½" Spacer [ITEM E] and/or 1" Spacer [ITEM F] as determined in step 3.
8. Apply a drop of Blue Thread Locker to the threads of the bolt and thread it into the same hole in the frame that the factory bump stop was removed from. Tighten the bolt and torque to 20 ft-lbs.
9. Repeat steps 3 through 8 on the passenger side of the vehicle.
10. Jack up vehicle, remove safety jack stands.
11. Carefully lower vehicle to the hard surface.
12. Remove wheel chocks from the front wheels.
13. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

<b>Part Number: SSR-121-40/47/54</b>		<b>Product Line: SUMOSPRINGS REAR</b>	<b>Page 2</b>
<p><b>SuperSprings International, Inc.</b> 505 Maple Avenue Carpenteria, CA 93013</p> <p><b>Installation Support</b> +1 (800) 898-0705 support@supersprings.com</p> <p>superspringsint.com</p>	<p><b>SAFETY NOTICE:</b> We recommend installation be done by a professional or persons with sound mechanical knowledge.</p> <p><b>WARNING:</b> These instructions are a general guide for installation. SuperSprings International, Inc. assumes no liability for the actual installation process. Consumers and installers should apply common automotive safety practices when raising and working on any vehicle. <b>Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured.</b> SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.</p>	<p><b>Never exceed the manufacturer's Gross Vehicle Rating (GVWR) located on your vehicles identification tag.</b></p> <p><b>BEFORE INSTALLATION:</b> Ensure the vehicle is on a level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.</p> <p><b>DURING AND/OR AFTER INSTALLATION:</b> Ensure emergency brake cables are not touch-ing the SuperSprings. Secure any cables out of the way with zip ties or by re-routing. Ensure all A/C lines, brake cables, and frame are clear of contact or interference.</p>	